DEPLOYABLE VIRTUAL TRAINING ENVIRONMENT (DVTE)

DESCRIPTION

The Deployable Virtual Training Environment (DVTE) is a first person skills sustainment trainer that trains Marines from the individual to battalion staff level by using a simulation network with reconfigurable workstations capable of emulating a vast array of training scenarios. DVTE is made up of two components; the first is the Infantry Tool Kit which contains several Tactical Decision-making Simulations. The other half of DVTE is the Combined Arms Network (CAN). This is a set of personal computer based simulators (Forward Observer, Forward Air Controller, Assault Amphibious Vehicle, M1, Light Armored Vehicle, AH-1) connected to Joint Semi Autonomous Force. PMTRASYS recently accepted delivery of the CAN Version 1.0 which connects to AFATDS and Strikelink to allow training of a variety of fire support platforms using Marine Corps gear. Individual MAGTF skills can be trained in this virtual environment using a semi-autonomous force model as its basis. DVTE responds to the need for a flexible, deployable, training system that provides combined arms, MAGTF and Naval Integration training.

OPERATIONAL IMPACT

Training objectives for DVTE are currently being matched up with standards in the Predeployment Training Program as well as the Infantry Training and Readiness Manual. DVTE uses programs such as Virtual Battle Space to train Marines on everything from command and control to convoy standard operating procedures. Marines can also meet specific cultural and language training objectives using programs like Tactical Iraqi. Lastly, units can train all aspects of combined arms using the CAN. The CAN uses actual Marine Corps gear such as an AFATDS, Strikelink, and PFED to communicate call for fire. Marines will be able to meet and sustain a wide variety of training objectives either in garrison or deployed. DVTE meets a much needed training requirement for many areas where there were few options for training. The end state is for Marines to be able to conduct standards-based training in a simulated environment while in garrison or deployed.

PROGRAM STATUS

Initial fielding of 38 DVTE suites was successfully completed in fiscal year 2007 with 11 suites going to I and II MEF, four suites to III MEF, and 12 suites going to various schoolhouses. Fielding down to the battalion level will be complete by the end of fiscal year 2008. The CAN is scheduled for fielding with DVTE suites beginning in June of 2008.

Procurement Profile: FY2008 FY2009
Quantity: 54 20

Developer/Manufacturer:
Lockheed Martin, Burlington, MA, Alion/
BMH, Norfolk, VA